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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 11-05-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to roads at Balaji layout(near Singapura main roads and cross roads in Ward No 11(kuvempunagara)}.
Ref.: Letter No. Testing/BUB/2015-16, dated 07-05-2015
Name of the Agency/Contractor* : Mr. N.Thirunagendra, Contractor,BBMP, Bangalore.
Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:
TABLE 1.1

Sieve Size mm	**Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)**	**Specified Limits as per MoRTH Specifications, IV Revision-2001**
53	100.00	100
45	97.00	95-100
26.5	---	-
22.4	74.30	60-80
11.2	46.70	40-60
4.750	32.50	25-40
2.360	19.00	15-30
0.600	14.50	8-22
0.075	5.00	0-8

*As Furnished by Client.
The Results relate only to the items tested.

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TE-4

11/05/15
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BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 28-05-2015

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements to roads at Balaji layout(near Singapura main roads and cross roads in Ward No 11(kuvempunagara)}.

Ref.: Letter No. Testing/BUB/2015-16, dated 25-05-2015

Name of the Agency/Contractor* : Mr. N.Thirunagendra, Contractor,BBMP, Bangalore.

Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS :

11. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.06** %
12. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 (Grading – 2)
13.2	**100.00**	100
9.5	**97.00**	90—100
4.75	**46.20**	35—51
2.36	**30.00**	24—39
1.18	**24.00**	15—30
0.3	**16.80**	09—19
0.075	**4.90**	03—08

*As Furnished by Client.

The Results relate only to the items tested.

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JE-II

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